

Interview Pursuant to 37 C. F. R. §1.133

Applicants thank the Examiner for an interview of February 17, 2003. The prior art of record cited in the above mentioned Office Action, a non-patent publication, Abstract, American Chemical Society, Book of Abstracts, 218th ACS National Meeting, Aug. 22-26 (1999), INOR 526, XP009013883 (J. G. Matisons *et al.*) was discussed with Examiner. Agreement was reached with the Examiner that a polymeric material having a plurality of free olefin groups overcame the teaching of Matisons *et al.*, which discloses modification of an inorganic solid, namely silica with a vinyl silane moiety. In addition, an additional non-patent publication, Metallorganichecheskaya Khimiya, 1992, 5(6), 1386-1390, Abstract and article (Baukova, *et al.*) was discussed with the Examiner. Baukova *et al.* teaches that reaction of polybutadiene with Schwartz's reagent does not provide a porous particulate material, but affords an inadequately characterized substance that is readily soluble in aromatic hydrocarbons and sensitive to moisture and oxygen. Agreement was reached with the Examiner that Baukova *et al.* did not teach Applicants porous particulate composition. An English translation of Baukova, *et al.* was provided to Examiner. Examiner further requested a terminal disclaimer over pending U. S. Pat. Appl. Ser. No. 09/973,261. Since the above-mentioned application is still pending, Applicant will consider filing a terminal disclaimer in accordance with 37 C.F.R. §1.321(b)(c) at the time that Claims 1-6 and 21-23 are allowed.

Support for Amendments

Claim amendments are fully supported in the specification. Amendments to claim 1 of the olefin based material being a polymer having a plurality of free olefin groups is found at page 7, lines 27 to 29; at page 8, line 30 to page 9, line 32 and at page 11, lines 9 to 26. Amendments to claim 2 of the olefin based material being a polymer having a plurality of free olefin groups is found at page 7, lines 27 to 29; at page 8, line 30 to page 9, line 32 and at page 11, lines 9 to 26 and the addition of allyl siloxanes and condensation products of siloxanes is found at page 8, lines 16 to 29. Claim 3 was amended to include that the average pore diameter of the polymer having a plurality of

free olefin groups is 100 Å or greater and the polymer comprises at least 0.01 mmol/g residual olefin groups and is found at page 9, lines 25 to 32 and at page 19, lines 12 to 14 (Example 1). Claim 4 was amended to clarify that one or more catalysts are usefully employed in accordance with the invention and is found at page 5, lines 15 to 17. Claim 5 was amended to class the different matrices as a Markush group and to further clarify that metal to carbon bonds are formed in the reaction of the metal complex with the free olefin groups of the polymer and is found at page 17, lines 19 to 23 and Examples 3-11 at pages 19 to 24. Amendments to claim 6 of the olefin based material being a polymer having a plurality of free olefin groups is found at page 7, lines 27 to 29; at page 8, line 30 to page 9, line 32 and at page 11, lines 9 to 26 and particle diameter was corrected to particle size as found at page 9, lines 6 to 8. Support for new claim 21 is found at page 4, lines 8 to 12; at page 2, line 31 to page 3, line 1; at page 3, lines 8 to 9; at page 23 (Example 9); at page 7, lines 27 to 29; at page 8, line 30 to page 9, line 32 and at page 11, lines 9 to 26. Support for new claim 22 is found at page 4, lines 10 to 12 and at page 23 (Example 9). Support for new claim 23 is found at page 4, lines 10 to 12; at page 2, line 31 to page 3, line 1; at page 3, lines 8 to 9; at page 23 (Example 9); at page 7, lines 27 to 29; at page 8, line 30 to page 9, line 32 and at page 11, lines 9 to 26. Further support for the amendments is detailed under sections dealing with the Examiner's objections and rejections.

Response to 35 U. S. C. §102(b) Rejection of Claims 1 and 3-6

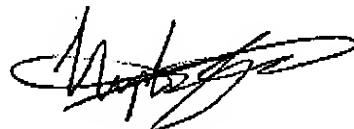
Claims 1 and 3-6 have been rejected under 35 U.S.C. §102(b) as being anticipated by a non-patent publication, Abstract, American Chemical Society, Book of Abstracts, 218th ACS National Meeting, Aug. 22-26 (1999), INOR 423, XP009013883 (J. G. Matisons *et al.*). Applicants have provided Examiner with Abstract and search of related articles and have found no related article. Applicants respectfully traverse the rejection and contend the amendments made to independent claims 1 and 3-6 obviates the Examiner's rejection. Applicant have amended claim 1, incorporating the limitation that olefin-based materials are one or more polymers having a plurality of free olefin groups.

Support for the amendments is found at page 7, lines 27 to 29; at page 8, line 30 to page 9, line 32 and at page 11, lines 9 to 26.

Applicants respectfully submit that all of the limitations of a claim must be taught in establishing a *prima facie* case of anticipation pursuant to 35 U. S. C. §102(b). Matisons *et al.* does not teach the Applicants invention as claimed. Matisons *et al.* teaches supported metallocenes prepared by reacting silica with a vinylsilane followed by reaction with a hydrozirconocene. Thus, independent claim 1 and dependent claims 3-6 as amended are patentable over the prior art document of record. Applicants respectfully submit that the Examiner's arguments with respect to the §102(b) rejection have been obviated for amended claims 1 and 3-6.

If the Examiner finds that there are some remaining issues to be resolved, Applicants would appreciate the Examiner to grant them a discussion or another interview pursuant to 37 C. F. R. §1.133, to clarify any issues and to place the Application in better condition for allowance. Please charge any fees associated with this response to Deposit Account No. 18-1850. Applicants invite the Examiner to contact the undersigned to discuss any issues related to this application by telephone.

Respectfully submitted,



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